



STEREOTACTIC BREAST BIOPSY MAMMOGRAPHY EQUIPMENT & QUALITY CONTROL TESTING

The following is a list of QC tests a mammography facility should be doing with a stereotactic unit. An X in the appropriate column indicates the test should be performed.

Test					Frequency	Screen-Film	Digital
Needle localization accuracy.					Each day of use	X	X
Phantom images Acceptable scores for fibers, specks, and masses are shown in the table.					Each week of use	X	X
		Mammography Accreditation Phantom		Mini-phantom			
		screen-film	digital	screen-film digital			
Fibers		4.0	5.0	2.0 3.0			
Specks		3.0	4.0	2.0 3.0			
Masses		3.0	3.5	2.0 2.5			
Hardcopy Output Quality (if hardcopy is produced from digital data)					Monthly		X
Visual checklist					Monthly	X	X
Compression force					Semiannually	X	X
Repeat analysis					Semiannually		
If screen-film images are used for stereotactic breast biopsy localizations, the following tests shall also be performed:							
Darkroom cleanliness					Daily	X	
Clean crossover rollers					Daily	X	
Processor QC					Daily	X	
Screen cleanliness					Weekly	X	
Clean view boxes					Weekly	X	
Fixer retention					Quarterly	X	
Screen-film contact					Semiannually	X	
Darkroom fog					Semiannually	X	